



## SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:52 AM

### Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 395 Const Calendar Day: 115 Date: 27-Sep-2012 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:40 AM 08:20 PM Break: 00:30 Over Time: 04:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge

#### Weather

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:

#### Diary:

Dispute

##### Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step for additional rotation of the cable was started
- Re-tensioning of cable band (CB) bolts
- Installation of suspender anchor rods
- Prep work for phase-2 & phase-3 LT

Today I was measuring minimum thread engagement on suspender anchor rods, measuring CB bolts with the extensometer, & other misc inspection. See the diaries of Sami Daouk, P. Jalali, & m. Hossain for details of the South cable suspender jacking as they were inspecting this work. See the diary of others for information on the North cable suspender jacking & CB bolt tensioning.

- I arrived at the pier 7 office at 06:40, & was on the bridge at 07:00.
- Throughout the shift, the crews were working on the continuation of phase-1 LT to correct cable rotation & transfer the load from the temporary jacking rods to the permanent anchor rods. Also, they were doing prep work to get ready for phase-1 & phase-2 LT.
- From 07:00 until 07:30, I met with ABF Engineer Scott Yeager to go over the list of anchor rods that Caltrans measurements showed that they did not meet the minimum thread engagement requirement. He disagreed with several of our measurements, & I told him that I would re-check them. He agreed with most of our measurements, & said that the crews would be working to achieve the thread engagement on these rods, & asked that we re-check them quickly after the re-work to make sure that Caltrans agrees that the minimum thread engagement is achieved prior to transferring the load from the temporary rods to the permanent anchor rods.
- From 07:30 until 12:00, I was inspecting the minimum thread engagement on suspender anchor rods on the South cable.
- From 12:00 until 12:30, I ate lunch.
- From 12:30 until 16:45, I helped Alex Schmitt, Matt Bruce, & John Lyons take CB bolt measurements with the extensometer. We measured the following CBs: 34S, 36S, 38S, 48S, 50S, 70S, 72S, 80S, 82S, 16N, 20N, 36N, 38N, 48N, 70N, 72N, 80N, & 82N.
- At 16:45, I finished with helping the extensometer measurements, & returned to inspection work on the South cable.
- From 16:45 until the end of the shift, I was inspecting the minimum thread engagement on suspender anchor rods on the South cable. Most of the anchor rods in question from yesterday's measurements were addressed with the re-work done by the crews. Several more rods still needed additional thread engagement on PPs 22S, 26S, 30S, & 34S.
- At 19:05, the crews wrapped up their tools to end their shift.



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**Inspector Name** Wright, Doug

**Diary #:** 395

**Date:** 27-Sep-2012    **Thursday**

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- At 19:20, I left the bridge.
- From 19:30 until 20:00, I spoke with Warren Collins regarding ABF submittal 2707, the suspender clamp erection plan since that field work will begin soon.
- From 20:00 until 20:20, I wrote my diary for the day & checked email.
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<b>04-0120F4</b>	<b>Bid Item:</b> 067	<b>C-SUS-BGS.067</b>	<b>Attach BG Lifts to Suspenders</b>
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AMERICAN BRIDGE/FLUOR, A JV